EPRA-BC Technical Product Listing

- ***Red Bullets and text denote new Phase 5 products***
- Please note this listing provides examples of regulated products; the BC Recycling Regulation obligates entire product segments.

The items listed above can be recycled free of charge at any Return-It Electronics Collection Site. The associated Environmental Handling Fees (EHF) are charged at the time of purchase.
Multiple products combined in a single Original Equipment Manufacturer (OEM) package with a unique SKU are subject to one EHF
There may be additional items that have been detailed (included and excluded) through the EPSC and RCC Product Clarification Listings. This listing can be found at: www.epsc.ca and click under "Resources" This technical listing may not encompass all products tha are detailed in the "regulation" or those that are handled by EPRA-BC. Please refer to the BC Government Recycling Regulation for further details.
Electronic medical equipment for monitoring or treatment is acceptable with the exception of devices that have been implanted or exposed to infectious bodily fluids. Return-It Collection Sites are not obligated to accept any equipment they feel is unsafe to handle.

Obligated Product		Product Definition	Environmental Handling Fee (EHF)	Examples of Products Subject to EHF	Products Not Subject to EHF
Desktop/ Countertop Electronic Products	Desktop Computer	A computer terminal designed to reside on a desk or similar work surface. May be packaged with a mouse, keyboard, cables, speakers, webcam and other peripherals in a single Original Equipment Manufacturer (OEM) package carrying a single SKU, subject to a single desktop computer EHF. Includes desktop computers and desktop computers acting as servers.	$5.50	• Computer terminals • Desktop computer used as a server • Thin clients • ***Servers and data storage equipment for use in Data Centers***	***Should exclude server racks (as furniture – casing only)***
	IT or Telecom Devices and Equipment	IT or Telecom devices and equipment generally weighing between 10 to 50 kgs.		• ***Tape storage systems*** • ***Ethernet switches*** • ***Business router and routing systems*** • ***Business switches and switching systems*** • ***Business video conferencing systems*** • ***Networking products***	
	Medical Devices and Equipment	Electronic medical devices, generally weighing between 10 to 50 kgs.		• ***Breast pumps*** • ***Electronic sleep therapy devices (continuous positive air pressure machine & accessories)*** • ***Portable ceiling lifts and patient transfer equipment (bedroom usage)***	

	Monitoring and Control Instruments	Monitoring and control instruments generally weighing between 10 to 50 kgs.		• ***Atomic force microscopes*** • ***Nano-indenters*** • ***Vector signal analyzer chassis (modular)*** • ***Bench-top analyzers (oscilloscopes, spectrum, network, logiv, protocol, counter, generators, sources, supplies, etc.)*** • ***Bioanalyzers*** • ***Capillary electrophoresis*** • ***Gas chromatographs*** • ***Leak detections*** • ***Liquid chromatographs*** • ***Mass spectrometry*** • ***Modular products and systems*** • ***PCR & QPCR*** • ***Vacuum technologies*** • ***Chromatography instrumentation*** • ***Spectrophotometer/detector, plate readers***	
Portable Computers and Micro Products	Portable Computers	A personal computer designed for portable use.	$1.20	• Laptop computers • Notebook computers • Tablet computers • Netbook computers • ***KVM drawer with display (rackable keyboard with display for data centre applications)***	
	IT or Telecom Devices and Equipment	IT or Telecom devices and equipment generally weighing between 2 to 10 kgs.		• ***Tape storage systems*** • ***Ethernet switches*** • ***Networking products*** • ***Business network security appliances & firewalls*** • ***Business video conferencing systems***	

	Medical Devices and Equipment	Electronic medical devices, generally weighing between 2 to 10 kgs.		• ***Electronic stethoscopes*** • ***Lipoplasty consoles, power assisted*** • ***Transducer, ultrasonic*** • ***Console, Electric Pen Drive System, Ablation, Ultrasounds*** • ***Incubatosr, MTS hematology*** • ***Tourniquet, pneumatic*** • ***Headpiece, lubricator*** • ***PH meter*** • ***Shaker/Mixer/Dry Bath*** • ***Hotplates*** • ***Balances*** • ***Microscopes*** • ***Power supplies (electrophoresis)*** • ***Tranilluminators*** • ***Micro centrifuge/Airfuge***	
	Monitoring and Control Instruments	Monitoring and control instruments generally weighing between 2 to 10 kgs.		• ***Atomic force microscopes*** • ***Vector signal analyzer cards (modular)*** • ***Bench-Top Analyzers - portable (oscilloscopes, spectrum, network, logic, protocol, counter, generators, sources, supplies, etc.)*** • ***Hand-Held analyzers and meters (multimeters, optical testing, data acquisition, thermal & Infrared equipment, etc.)*** • ***Leak detection*** • ***Modular products and systems*** • ***Vacuum technologies***	
All-in-One and Display Products ≤29” All-in-one devices and ≤29” diagonal screen size		A non-portable All-in-one device or ≤29 inches video display device that typically resides on a table, floor or wall and requires AC power to operate. May contain an imbedded television tuner, or may be used for displaying images from computers or other digital or analog sources such as an external TV tuner or cable/satellite receiver. Includes various display technologies, such as CRT, flat panel (LCD, Plasma, LED, OLED, etc.) or rear projection.	$9.00	• ***Graphic tablets with display >10”*** • Televisions • Computer monitors • Professional displays • Closed circuit monitors • ***Cash registers/POS terminals – desktop/countertop***	Should exclude internal components
Display Products >29” and Floor Standing Products	Display Products >29” diagonal screen size and Floor Standing Products	A non-portable video display device ***> 29 inches*** that typically resides on a table, floor or wall and requires AC power to operate May contain an imbedded television tuner, or may be used for displaying images from computers or other digital or analog sources such as an external TV tuner or cable/satellite receiver. Includes various display technologies, such as CRT,	$31.75	• Televisions • Computer monitors • Professional displays • Closed circuit monitors • ***Cash registers/POS terminals – desktop/countertop***	

		flat panel (LCD, Plasma, LED, OLED, etc.) or rear projection.			
	Printing and Copying Products	Printing and copying devices, utilizing all printing technologies that are floor-standing models and that can print on media with dimensions up to 48" wide		• ***Floor standing printers*** • ***Fax machine photocopiers*** • ***Floor standing scanners*** • ***Floor standing fax machines*** • ***Fax machine drum scanners***	
	IT or Telecom Devices and Equipment	IT or Telecom devices and equipment generally weighing between 50 to 200 kgs.		• ***Business routers and routing systems*** • ***Business switches and switching systems*** • ***Business video conferencing systems*** • ***Point-of-sale (POS) terminals***	
	Medical Devices and Equipment	Electronic medical devices, generally weighing between 50 to 200 kgs.		• ***System, Radiological image processing*** • ***Infusion warmers*** • ***Lava COS*** • ***Molecular instruments, pipetting and diluting systems for clinical use*** • ***System, photopheresis extracorporal*** • ***System, Imaging, Optical Coherence Tomography*** • ***Device, Pasteurization, hot water*** • ***Intraoperative imaging systems*** • ***Programmer patients*** • ***Echocardiograph*** • ***Contrast media, ultrasound*** • ***Doppler, ultrasound, fetal*** • ***Apparatus, automated blood cell diluting*** • ***Sterilizer/washer endoscopes*** • ***System, immunomagnetic cancer cell*** • ***Centrifuges - non-clinical applications*** • ***Controlled rate freezer/IVF freezer*** • ***Waterbaths*** • ***Drybaths*** • ***Environmental chambers*** • ***Cryogenic storage vessels*** • ***Gas generators*** • ***Incubators***	
	Monitoring and Control Instruments	Monitoring and control instruments generally weighing between 50 to 200 kgs.		• ***Atomic spectroscopy*** • ***Dissolution sampling stations*** • ***Modular products and systems*** • ***FE-SEM*** • ***Molecular spectroscopy*** • ***Vacuum technologies***	

Desktop/Countertop Printing Products & Multi-Function Products	A printing or facsimile device designed to reside on a desktop or similar work surface May be a "multi-function" or "all in one" device that performs different tasks such as copy, scan, fax, print, etc., in which case the integrated product is subject to a single EHF. Fax machines packaged with cordless telephone handsets in a single OEM packaged under a single SKU are subject to one EHF. Includes various printing technologies, such as Laser & LED (electrophotographic), ink jet, dot matrix, thermal, dye sublimation, etc.	$6.50	• Desktop printers • Camera dock printers • Desktop label, barcode, card printers • Desktop fax machines • Desktop scanners • ***Electronic Typewriter*** • Desktop computer scanners • Desktop Business card scanners • Desktop Cheque scanners • Desktop Photo negative scanner • ***POS/thermal printers***	
Computer and Video Gaming Peripherals	A manual input keying or pointing device, such as a mouse, a keyboard, or a similar device, designed for use with a desktop or portable computer. Includes both wired and wireless devices. A combination of a single mouse and a single keyboard packaged in a one OEM box under a single SKU is subject to one EHF.	$0.90	• Mouse • Keyboards • Trackball • Keypad • Touchpad Mouse • ***Graphic tablets without display*** • ***Magnetic stripe Readers*** • ***Controllers*** • ***PVR expanders*** • ***HDMI switches*** • ***Separately sold universal remote controls*** • ***Video game console controller and other input devices*** • ***Joysticks*** • ***Solid state drives*** • ***Numeric keypads*** • ***Zip drives***	Excludes USB memory sticks as they are included with media. Excludes mobile internet sticks (cellular telecommunications program).

Obligated Product		Product Definition	Environmental Handling Fee (EHF)	Products Subject to EHF	Products Not Subject to EHF
Portable Electronic Devices	Audio Video	A portable device used primarily for personal use, that operates on battery power or is powered directly from the device it is connected to (i.e. computer)	$0.40	• Portable AM/FM radios Clock radios • Portable stereos • Portable tape players/recorders • Portable Disc (CD, DVD, Blu-ray, etc.) players/ recorders • MP3 players • Portable docking/compact/folding speakers (wired and wireless including Wi-Fi or Bluetooth) • Portable cassette or digital audio/voice recorders • Headphones • Mini earphones and microphones • Headsets (wired and wireless, including Bluetooth) • Microphones for use with an obligated product • Digital and non-digital cameras, including lenses and flashes • Digital photo key chains • Video cameras/ camcorders • Personal Digital Assistants (PDAs) which are not enabled to connect to cellular networks • Multi-function satellite radios that include CD, MP3, FM radio or other audio functions. • Portable scanners (e.g., • Business card scanners; Photo negative scanners) • Portable printers • Web cameras • Digital photo frames • Portable displays – screen size less than 10” • Baby video & audio monitor & camera system • ***Electronic calculators*** • ***Handheld printers such as calculators with printing capability or label makers*** • ***Point of Sale (POS) receipt printers*** • ***Handheld barcode scanners*** • ***Magnetic stripe readers (Sold Individually)*** • ***Portable Two-way radio/FRS/ walkie-talkies/CB Radio mobile*** • ***Professional radios*** • ***E-book readers*** • ***Electronic dictionaries*** • ***Satellite radio receivers (hand-held)*** • ***Handheld video game systems*** • ***Global Positioning System (GPS) receivers and components (portable)***	TBA

				• ***Industrial/commercial handheld or mobile computing device*** • ***Intercoms*** • ***Personal FM transmitters***	
	IT or Telecom Devices and Equipment	IT or Telecom Devices and Equipment generally weighing < 2 kg.		• ***Wireless Access Point*** • ***Bridge*** • ***Modem*** • ***Switch*** • ***Router*** • ***Range extender*** • ***Combo Router/Modem*** • ***Business Network Security Appliance and Firewall*** • ***Business server*** • ***Server module (e.g., blades and pizza box server equipment commonly installed in a rack-mount frame); does not include server modules which are internal components***	
	Medical Devices and Equipment	Electronic medical devices generally weighing <2kgs.		• ***Instrument Activa PLUS*** • ***Activators*** • ***Defibrillators*** • ***ECG electrodes*** • ***Lesion Probe, radiofrequency*** • ***Physio control systems*** • ***Pacemaker, external*** • ***Telephone ECG transmitter/receiver*** • ***Point of Care analyzer*** • ***Thermometer, electronic*** • ***Rapid digital thermometers*** • ***Basal digital thermometers*** • ***Console controllers*** • ***Comlink, diabetes informatics*** • ***Medical monitoring equipment*** • ***Electronic pipetters for a non-clinical application*** • ***Handheld meters with charger***	
	Monitoring and Control Instruments	Monitoring and Control Instruments generally weighing < 2 kg.		• ***Handheld analyzers and meters (multimeters, optical testing, data acquisition, thermal & infrared equipment, etc.)*** • ***Modular products and systems*** • ***Static testing equipment***	

Audio Video, Gaming Products and Musical Instruments	Audio Video and Gaming Products	Audio and video playback and/or recording systems (mini/mid/full size) or system components for residential use but may also be used for institutional, commercial or industrial applications.	$3.50	• Video cassette players (VCRs) and/or video projectors • Digital projector • Digital Video Recorders (DVRs) • Personal Video Recorders (PVRs) • Non-portable Disc players/ recorders (DVD, Blu-ray, etc.) • Laser Disc players/recorders • Cable & satellite receivers • Set-top boxes Including digital TV • Non portable AM/FM Radios • Non-portable combination cassette recorders and players • Analog & digital video cameras for home security or other closed circuit home use • Industrial/commercial quality amplifiers, speakers and related equipment used for musical recording, performances and/or public address • Commercial, Professional or industrial video cameras and/or microphones • Amplifiers • Receivers • CD or tape decks • Turntables/record players • Home speaker systems such as 5.1 • ***Overhead projectors*** • ***Home/non-commercial video gaming equipment consoles*** • ***Karaoke machines*** • ***Small satellite dishes*** • ***Built-in or wall-mounted intercoms*** • ***Multi-media projectors*** • ***Multi-media players/recorders***	
	Musical Instruments	Electronic and electrical instruments or percussion products that are electronic based or that are amplified with an electrical device (<200 kg)		• ***Electric guitars, woodwind and stringed instrumentation*** • ***Portable electronic keyboards*** • ***Electronic Keyboard Pipe Organs*** • ***Electronic or Electrical synthesizers*** • ***Electric Pianos*** • ***Other Electronic Keyboards*** • ***Other instrumentation requiring electronic amplification*** • ***Electronic or electrical drums or percussion instruments,*** • ***Drum Sets – Electronic/MIDI***	
After-Market Vehicle Electronic Products		Aftermarket audio and/or video systems or system components intended to replace or supplement	$2.75	Aftermarket vehicle audio & video components, including:	Should exclude products embedded

(Previous Category: Vehicle Audio & Video Systems)	OEM factory-installed systems or system components.		• Amplifiers • ***Back-Up Camera System*** • ***Car Security System*** • ***Remote Car starters*** • ***Collision Avoidance System*** • Equalizers • ***Stand-alone or In-Dash GPS or other navigation systems*** • ***Satellite radio receivers*** • In-dash radio, DVD, CD and/or cassette players (including those with integrated satellite radio and/or GPS/navigation functions) • ***Radar Detector*** • ***Related cables and other accessories*** • ***Satellite Radio Receivers*** • Speakers • ***Vehicle Telecommunications Equipment*** • Video displays (including those with built-in tuners) • Video player systems	in motorized vehicles of any type, including automobiles, aircraft, marine craft, motorcycles and recreational vehicles. Examples of products or devices that would fall under this exclusion include the following: - factory-installed in-dash navigation system, - factory-installed back-up camera system, and Factory-installed audio-video equipment.
Home Theatre In A Box (HTB) Systems	Audio and/or video equipment packaged by an OEM as a complete system intended to provide an "in-home" theatre experience.	$6.00	• HTB audio and video equipment packaged as a complete unit, including: amplifiers, disc players, speakers, sub-woofers and all associated cables, etc.	TBA
Non-Cellular Telephones and Answering Machines	A telecommunication device with a handset, multiple handsets or microphone and speaker systems that is used to transmit and receive sound (most commonly speech). A device that is designed to record sound from incoming calls over a telephone line or VOIP line.	$0.85	• Telephones (corded and cordless, VoIP, satellite phones) • Telephone line answering machines (cassette and digital) • Speaker/Conference Phone • ***VoIP Phone adapters*** • ***Telephone amplifiers***	Cell Phones and Cellular Enabled Devices

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There may be additional items that have been detailed (included and excluded) through the EPSC and RCC Product Clarification Listings.
This listing can be found at: http://www.epsc.ca/index.php?option=com_content&view=article&id=24&Itemid=29&lang=en
or go to www.epsc.ca and click under "Resources"
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From July 2010 ESABC Definitions List:
NOTES:

1. Products included / excluded are examples based upon member inquiries but do not represent an exhaustive list of all obligated products by category. Members must assess products against the definitions of each obligated product category to determine the applicability and appropriate EHF, and may consult the program for assistance in clarification where required.

2. Products identified as 'Included in the Obligated Category' are subject to the EHF for that category; Products identified as 'Not Included in the Obligated Category' are not subject to the EHF for that category, however, members must consider all obligated product categories to determine if the product meets the definition of another obligated product category.

3. There are two instances where multiple obligated products may be packaged by the original equipment manufacturer (OEM) in a single physical package carrying a single SKU (stock-keeping unit) and be subject to one EHF for the entire package of products:

a. Where the product definition above specifically includes multiple obligated products, or
b. Where a product is comprised of different functional components that are sometimes sold separately, but in this case are integrated into a single operating unit. In this instance the integrated product carries the single highest EHF. Examples include:

Phase I
- All-in-One computer system (desktop CPU with integrated display device)
- Display device with integrated video player (DVD, VCR, Blu-ray, etc.)
- Printer / Scanner / Fax (all-in-ones)

Phase II
- Multiple drive players integrated into a single device – e.g. DVD & VCR player
- Fax machine with a corded telephone handset
- Telephone with built-in answering machine
- Security display monitor with built-in digital video recorder (DVR)

4. The list of Product Definitions and Clarifications may be revised periodically by the Program.
5. A product is excluded from any category if it weighs >200kg, is professionally installed, or cannot readily and safely be de-installed, transported and/or recycled.
6. A product is excluded from any category if it has been implanted in a person, if it is surgically invasive or is inserted into a patient's body, if it requires decontamination prior to recycling, or if it has come into contact with blood or other biological contaminants prior to end-of-life.
7. Floor-standing equipment should only include equipment which is integrated, and which cannot easily be broken down by the end-user for recycling (e.g. a mainframe). Floor-standing equipment is not considered one unit under the program if the equipment is comprised of easily-removable sub-components. If the latter is the case, the rack or frame containing the equipment is excluded and the individual sub-components are covered in categories above as individual/multiple units.